

At Patcham, near Brighton: a large quantity of Railway Materials; the whole of the Iron is of Staffordshire manufacture.

BY TENDER.

A Virgin Forest of Valuable Timber in Walsch. The principal part of the Trees is Oak. The said Forest may produce about 500,000 cubic feet of Timber.

#### MEETINGS OF SCIENTIFIC BODIES

During the ensuing week.

MONDAY, April 28.—Geographical, 3, Waterloo-place, 8½ p.m.; British Architects, 16, Grosvenor-street, 8 p.m.; Medical, Bolt-court, Fleet-street, 8 p.m.

TUESDAY, 29.—Civil Engineers, 25, Great George-street, 8 p.m.; Zoological, Hanover-square (anniversary), 1 p.m.

WEDNESDAY, 30.—Society of Arts, Adelphi, 8 p.m.; Geological, Somerset-house, 8½ p.m.

THURSDAY, May 1.—Horticultural, 21, Regent-street (anniversary), 1 p.m.; Zoological, Hanover-square, 3 p.m.; Antiquaries, Somerset-house, 8 p.m.

FRIDAY, 2.—Royal Institution, Albemarle-street, 8½ p.m.; Botanical, 20, Bedford-street, Covent-garden, 8 p.m.

#### TO CORRESPONDENTS.

"LAVINIA."—We feel greatly indebted for our correspondent's attention, and regret much that the drawings are not sufficiently precise for publication. They will, however, be useful to us in another way.

"Patent Hand-rails."—J. Mettelle, of 64, John-street, Fitzroy-square, will give information on the subject.

"J. M."—It is unnecessary for us to call, as we know your work, although we had forgotten the name.

"W. J. S."—We shall be glad to hear more of the proposed manufactory. We can hardly afford time to visit it until it is in operation.

"B. B."—Suggestions shall not be lost sight of.

"C. T."—Norwich.—Next week. We shall be happy to hear from him, although we cannot promise space every week, and will gladly send him copies without charge.

"New Church at Winchester."—Several architects wish to know how many tenders were received, and what was the amount of the lowest.

"A Builder."—If you give the district surveyor notice of your intention to do certain works he will inform you if there is any objection to them. He is certainly not bound to give you information if the work is merely problematical.

"J. Dale."—Pulhani's manufactory is at Had-deson.

"E. M., a bricklayer," is thanked for his information.

"N. C."—We fully agree with our correspondent, that "there are few practical subjects of greater importance than the construction of chimneys," with reference to the causes and remedy for their smoking, and that it is very imperfectly understood. His suggestion shall be considered. We shall be glad to receive remarks relative to it, also the names of any works upon the subject.

"A Subscriber from the First," next week.

Received—An Adherer to Stipulations. Proceedings of the Society of Arts.

#### ADVERTISEMENTS.

**SPACIOUS BUILDING GROUND** in the heart of the City TO BE LET on a Building Lease. The site comprises 10 acres, 100 feet extending from East to West 50 feet, and from North to South 30 feet, and a further space in connection with it, suitable for purposes of an additional entrance to the premises. Particulars may be obtained by applying at the Founders' Company's offices, or to J. B. Gardiner, Esq., architect, 4, Bank Chambers, Lothbury, where a plan of the premises may be seen.

**NOTICE.**—INVENTORS desirous of obtaining LOANS ON or of SELLING their INVENTIONS, or Patents, should apply to Mr. M. JOSEPH COOKER, at the OFFICE for PATENTS, 20, Fleet-street, London, where English and Foreign Patents are obtained, and Designs registered. An INDEX is kept for inspection of all Patents granted for the last century; also copies of every Patent of importance. Instructions to Inventors and a list of charges gratis on application.

OFFICE FOR PATENTS REMOVED FROM No. 16 TO 117 CHANCERY-LANE.

**PRACTICAL ASSISTANCE GIVEN** to parties taking Letters Patent, by Mr. J. WILSON, Engineer and Patent Agent. Every description of business relating to or connected with Patents, Registration of Designs, Patent Agency, &c., conducted at his offices, 117, CHANCERY-LANE, opposite Carey-street. Negotiations entered into with parties wishing to dispose of or purchase patented or registered inventions. Every necessary information may be obtained at the office as above, where also may be had printed instructions (gratis), to which Mr. W. begs particularly to draw the attention of parties about to take out patents.

Mechanical drawings of every description, original designs for machinery, models, &c., executed with dispatch and economy.

MARTIN'S PATENT CEMENT.  
TO ARCHITECTS, BUILDERS, AND PAINTERS IN FRESCO.

**STEVENS and SON, PATENTEES** and SOLE MANUFACTURERS, beg respectfully to announce that this beautiful and now arrived at a degree of excellence for surpassing their most sanguine expectations. For all internal work it possesses a great superiority over every article hitherto in use; it is now being used extensively by Government in the British Museum and other public buildings. IT DOES NOT THROW OUT ANY SALT, but presents a beautifully plain and perfect surface, which may be painted upon dry work within four days without peeling. It is equally applicable for walls or lath, for mouldings, architraves, skirting, or flooring, and is admitted to form the best ground for fresco painting, having been used for many of the prime frescoes lately exhibiting in Westminster Hall. It will bear an intense heat without cracking, and for hardness, durability, and economy, cannot be equalled.

106, DRURY-LANE, LONDON.

Agent for Liverpool and Manchester, Mr. R. Part, 11, Atherton's-buildings, Dale-street, Liverpool.

#### STOCKTON LIAS CEMENT.

**MANUFACTURED** upon principles laid down in Major General Pasley's Essay on Lime and Cements.—It is of a beautiful Stone Colour, and of acknowledged superior quality, free from vegetation, does not crack, and is well adapted for every description of modelling and casting. It has been extensively used at the Earl of Macclesfield's, Ensham-hall, by G. Barry, Esq.; at Sir P. Shuckburgh's, Shuckburgh-hall, by H. E. Kendall, Esq.; for Works now in progress at Marbury-hall, Cheshire; and for many of the Mansions erected during last Summer in the vicinity of London.

#### WILMOTTE LIAS CEMENT.

Is of inferior colour to the above, from containing oxide of iron, but of very Superior Quality for Tunnels, Sewers, and Hydraulic Purposes; its use is stipulated for by Mr. John Roe, Engineer of Sewers, London.

#### GROUND LIAS LIME.

For Concrete, and every description of Hydraulic Work, for which purposes it has been used at Woolwich and Chatham Dock Yards, the London Dock, New Exchange, Hungerford Suspension Bridge, Westminster Bridge, Grand Junction Water Works, Holborn Sewers, Brent and Grand Junction Canals, Wood Paving Companies, London and Birmingham Railway Company, for Works in the Alster at Hamburg, the Kiel and Altona Railway, and various Sea Walls, &c.

At G. Gravens's Works, Stockton, near Southam, Warwickshire, and at No. 2, South Wharf, Paddington, London.

TO ARCHITECTS, ENGINEERS, CONTRACTORS, BUILDERS, MASONS, AND PLASTERERS, MERCHANTS, SHIPPERS, AND THE PUBLIC IN GENERAL.

**JOHNS and CO.'S PATENT STUCCO CEMENT.**—The following are the positive advantages possessed by this invention over every Cement hitherto introduced:—It is effectually real Damp. It will never vegetate nor turn green, nor otherwise discolour. It will never crack, blister, nor peel off. It will form a complete Stone casing to any Building covered with it. It is closely resembles Stone that it is impossible to detect it. It never requires either to be painted or coloured. It will keep fresh and good in the end in any Climate for any number of years. It is the only Cement that can be depended upon for export. It is the only Cement that can be used with confidence by the Sea-side. It may be used in the hottest or coldest Climates at any season. It will adhere to any substance, even to Wood, iron, or Glass. It will carry a larger Proportion of Sand than any other Cement. It matures by age, and becomes perfect when other Cements begin to perish. It may be worked through the Winter, as frost has no effect upon it. It may be used on the Inner Walls of new Houses, which may be papered over or painted directly. Roofs laid or pointed with this Cement will remain sound. It will keep fresh and good in the end in any Climate for any number of years. The instructions for use being very clear and distinct. The first cost of this material does not exceed that of the cheapest Cement now in use; but with all the above-named extraordinary and valuable advantages, nothing can approach it in point of economy.

Architects and Builders who have used this Cement have declared that it requires only to be known, to be universally preferred.

Specimens may be seen, and a Prospectus fully describing the Cement and its mode of application, together with a volume of Testimonials from every part of the Kingdom, may be obtained on application to **JOHNS and CO., SOLE AGENTS** for the Patent, 5, Maiden-lane, Queen-street, Chancery, London; of whom also may be had.

**JOHNS and CO.'S PATENT STONE-COLOUR STUCCO PAINT**, expressly intended for Painting over exterior Walls of Houses that have been covered with Roman or other Cements, and which have become dirty and discoloured. It is in every way better suited for this purpose than White Lead Paint, which will frequently come off in flakes, being in direct chemical opposition with Cement; whereas **MESSRS. JOHNS and CO.'S PATENT PAINT** having an affinity for Stucco, blends itself with it, stopping the surface, thereby rendering the wall proof against weather, and in the finish producing a pure stone-like effect, producible by no other Paint whatever. It is cheap in its application, and may be used by any Painter, in any climate, even in the most exposed Marine situations.

**ATKINSONS CEMENT.**—The public is respectfully informed, that the price of this very excellent Cement, which has now been in use for Architecture and Engineering works upwards of thirty years, is reduced to 2s. 3d. per bushel, and may be had in any quantity at **W. & A. PARKER and Co.'s Wheel, Holland-street, Surrey side of Blackfriars-bridge.**

N.B.—This Cement being of a light colour, requires no artificial colouring or painting, and may be used for stucco with three parts its own quantity of sand.

#### KEENE'S PATENT MARBLE CEMENT.

The Patentees of this composition beg to refer to the British Museum, the Royal Exchange, the new works at Bethlehem Hospital, Greenwich Hospital, and the Galleries in the Regent's Park, as buildings finished or in progress, in which Keene's Cement has been used as an internal stucco. Its superiority to common plastering consists in its extreme hardness, and the rapidity with which it dries, which qualities fit it to receive paint or other finishing sooner than other water Cement.

When employed for skirtings, architrave, and other mouldings, in place of wood, it checks dry-rot, is impervious to vermin, prevents the spread of fire, and is more economical in its application than the material for which it thus becomes the substitute.

Confirmation of these statements is to be found in the almost universal adoption of Keene's Cement for Skirtings and Hall flooring in the new houses on the Hyde Park Estate, where its application is to be seen to the fullest advantage.

In Liverpool and Manchester, Keene's Cement has in several cases been used for the covering of the fire-proof warehouse floors, where its lightness and hardness give it the preference over tiles and flagging, which are much heavier, and necessarily leave the floor intersected with numerous joints, whilst Keene's Cement is laid down in one unbroken surface.

The high polish and marble-like hardness of which this Cement is susceptible render it the most suitable material for the manufacture of flagging.

Patentees, J. H. WHITE & SONS, Millbank-street, Westminster, Manufacturers of Roman and Portland Cement.

Depot in Liverpool, 35, Reel-street, James Woods, Agent.



#### MOON'S IMPROVED CHIMNEYS

Specimens of the Bricks to form the Circular Flue now coming into general use, also those invented by Moon and Reed for a similar purpose, may be seen at the Patentees' Western Depot, New-road, near Tottenham-court-road, where may be procured the Metal Bars and Throats, also the much-improved Caps for the prevention of Smoky Chimneys, without causing adjoining flues to smoke, or producing the noise so generally complained of, arising from a large surface of metal being exposed to the action of the wind.

Licences are granted to Brick and Tile Makers for manufacturing the Bricks and Tiles, throughout the United Kingdom, by application as above, or to Mr. ELIAS DORNING, 27, Cross-street, Manchester.

#### G's TRACING-PAPER.—It is

warranted to take Ink, Oil, or Water colour, and is sold by **MESSRS. ROBERTSON and CO., SOLE AGENTS**, 51, LONG-ACRE, at the following cash prices:—

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Distemper ditto, Ground and Unground.  
Sash Tools, and Common Tools.  
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Lists of Prices of Painting Brushes, and of all other kinds of Brushes, forwarded on application. Established 1777.

#### CHEAP AND DURABLE ROOFING.

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**F. McNEILL and Co. of Lamb's Buildings, Bunhill Row, London, Manufacturers and**  
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#### THE PATENT ASPHALTED FELT, FOR ROOFING HOUSES, VERANDAS, SHEDS, &c.

Reg to call the attention of the Trade to their **ROOFING FELT**, which has been exhibited at the great Agricultural Shows of England, Scotland, and Ireland, and obtained the highest praise, for being the best and cheapest article for Roofing. Its advantages are lightness, strength, durability, and economy. It is impervious to rain, snow, and frost, and is a non-conductor of heat and sound. The Felt can be cut to any length, by 33 inches wide. The price is only One Penny per Square Foot. Samples, with full directions as to its use and the manner of applying it, with TESTIMONIALS, some of them of seven years' experience, from Architects, Builders, Noblemen, and Gentlemen, who have extensively used it, sent free to any part of the town or country. A Dry-hair Felt, for covering Houses, &c., is also manufactured, by which a saving of about 25 per cent. in fuel is effected. The TRADE are respectfully enjoined to send their orders DIRECT to the FACTORY, as the surest means of being supplied with the genuine article, and in lengths best suited to their roofs. They are likewise CAUTIONED AGAINST MISREPRESENTATION.

The only works in Great Britain where the above roofing is made are **F. McNEILL and Co.'s Manufactories, LAMB'S BUILDINGS, BUNHILL ROW, LONDON.** A Specimen Roof to be seen at the Factory. A Liberal Discount allowed to the Trade.